Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (original) A base station controller to control a plurality of base stations communicating with a mobile station, said base station controller comprising:

a radio resource controller for maintaining a plurality of links between the mobile station and each of the base stations that the mobile station is currently reachable, said radio resource controller also maintaining separate information indicative of communication quality of each of the links;

a link data rate controller connected to said radio resource controller for determining a data rate for each of the links based upon the communication quality; and

a data distributor connected said radio resource controller for distributing communication data among the links to be transmitted at the corresponding data rate.

Claim 2. (original) The base station controller according to claim 1 wherein said radio resource controller maintains the information on the communication quality based upon a report signal from the mobile station, the report signal being generated based upon a pilot signal from the base station.

Claim 3. (original) The base station controller according to claim 2 wherein said radio resource controller updates the communication quality.

Claim 4. (original) The base station controller according to claim 2 wherein said radio resource controller selectively maintains the links base upon a comparison of the communication quality to a predetermined threshold value.

Claim 5. (original) The base station controller according to claim 2 wherein said radio resource controller maintains the information on the communication quality for a forward link and a reverse link.

Claim 6. (original) The base station controller according to claim 5 wherein said link data rate controller determines a forward link data rate and a reverse link data rate respectively based upon the communication quality for the forward link and the reverse link.

Claim 7. (original) The base station controller according to claim 6 further comprising a transmitter connected to said link data rate controller for transmitting the reverse link data rate to the base station.

Claim 8. (original) The base station controller according to claim 1 further comprising a table memory for storing the information indicative of the communication quality of each of the links and identification information for the links.

Claim 9. (original) A mobile station to be communicated with a plurality of base stations, said mobile station comprising:

a radio resource controller for maintaining a plurality of links between the mobile station and each of the base stations that the mobile station is currently reachable, said radio resource controller also maintaining separate information indicative of communication quality of each of the links;

a link data rate controller connected to said radio resource controller for determining a data rate for each of the links based upon the communication quality; and

a data distributor connected said radio resource controller for distributing communication data among the links to be transmitted at the corresponding data rate.

Claim 10. (original) The mobile station according to claim 9 wherein said radio resource controller maintains the information on the communication quality for a forward link and a reverse link.

Claim 11. (original) The mobile station according to claim 10 wherein said link data rate controller determines a forward link data rate and a reverse link data rate respectively based upon the communication quality for the forward link and the reverse link.

Claim 12. (currently amended) A mobile station to be communicated with a plurality of base stations, said mobile station comprising:

a plurality of receivers for simultaneously receiving sub frame information from ~~one of~~ the base stations, the sub frame information indicative of dividing ~~a~~ frames of transmission data and ~~a~~ data rates;

a sub frame generator connected to said receivers for dividing the transmission data ~~based~~ into a plurality of sub frames based upon the sub frame information; and

a plurality of transmitters connected to said sub frame generator for simultaneously transmitting the sub frames of the transmission data at the data rates.

Claim 13. (original) A method of controlling a plurality of base stations that is communicating with a mobile station, comprising the steps of:

maintaining a plurality of links between the mobile station and each of the base stations that the mobile station is currently reachable;

maintaining separate information indicative of communication quality of each of the links;

determining a data rate for each of the links based upon the communication quality; and

distributing communication data among the links to be transmitted at the corresponding data rate.

Claim 14. (original) The method of controlling a plurality of base stations according to claim 13 wherein said communication quality is generated based upon a pilot signal from the base station.

Claim 15. (original) The method of controlling a plurality of base stations according to claim 14 wherein said communication quality is periodically updated.

Claim 16. (original) The method of controlling a plurality of base stations according to claim 14 wherein said links are selectively maintained base upon a comparison of the communication quality to a predetermined threshold value.

Claim 17. (original) The method of controlling a plurality of base stations according to claim 14 wherein said communication quality is maintained for a forward link and a reverse link.

Claim 18. (original) The method of controlling a plurality of base stations according to claim 17 wherein said data rate includes a forward link data rate and a reverse link data rate respectively based upon the communication quality for said forward link and said reverse link.

Claim 19. (original) The method of controlling a plurality of base stations according to claim 18 further comprising an additional step of transmitting the reverse link data rate to the base station.

Claim 20. (original) The method of controlling a plurality of base stations according to claim 13 wherein the information indicative of the communication quality of each of the links and identification information for the links are stored in a predetermined table.

Claim 21. (original) A method of communicating with a plurality of base stations, comprising:

maintaining a plurality of links between the mobile station and each of the base stations that the mobile station is currently reachable;

maintaining in the mobile station separate information indicative of communication quality of each of the links;

determining at the mobile station a data rate for each of the links based upon the communication quality; and

distributing communication data among the links to be transmitted at the corresponding data rate.

Claim 22. (original) The method of communicating with a plurality of base stations according to claim 21 wherein said communication quality includes information on a forward link and a reverse link.

Claim 23. (original) The method of communicating with a plurality of base stations according to claim 22 wherein said data rate includes a forward link data rate and a reverse link data rate respectively based upon the communication quality for the forward link and the reverse link.

Claim 24. (currently amended) A method of communicating with a plurality of base stations, comprising:

simultaneously receiving a plurality of sets of sub frame information at a mobile station from ~~one of~~ the base stations, the sub frame information indicative of dividing a frames of transmission data and ~~a~~ data rates;

dividing the transmission data at the mobile station ~~based~~ into a plurality of sub frames based upon the sub frame information; and

simultaneously transmitting from the mobile station a plurality of sets of the sub frames of the transmission data at the data rates.